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L Number	Hits	Search Text	ДВ	Time stamp
-	34,7323	brake or braking or torque adj generator or torque adj generation	USPAT;	2004/04/20 12:00
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	162025	(electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj	USPAT;	2004/04/25 12:33
		(fluid or particles! or medium or material or liquid))	US-PGPUB;	
,			EPO; JPO;	
			DERWENT	
-	29070	(fluid or particles! or medium or material or liquid) near4 (field adj	USPAT;	2004/04/25 12:33
		responsive or flux or field adj2 controllable)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	182807	((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj	USPAT;	2003/03/18 08:36
		(fluid or particles! or medium or material or liquid))) or ( (fluid or	US-PGPUB;	
		particles! or medium or material or liquid) near4 (field adj	EPO; JPO;	
		responsive or flux or field adj2 controllable))	DERWENT	
-	1457285	coil or winding or electromagnetic or electromagnet	USPAT:	2003/03/18 08:39
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	347323	brake or braking or torque adj generator or torque adj generation	USPAT;	2003/03/18 08:39
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	182807	(fluid or particles! or medium or material or liquid) near4 (field adj	USPAT;	2003/03/18 08:43
		responsive or flux or field adj2 controllable) or (electroviscous or	US-PGPUB;	
		rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles!	EPO; JPO;	
		or medium or material or liquid))	DERWENT	
<b>-</b>	543	(coil or winding or electromagnetic or electromagnet) same	USPAT;	2003/09/16 11:03
		(brake or braking or torque adj generator or torque adj generation	US-PGPUB;	
i l		) same ( (fluid or particles! or medium or material or liquid) near4	EPO; JPO;	
		(field adj responsive or flux or field adj2 controllable) or	DERWENT	
[		(electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj		
		(fluid or particles! or medium or material or liquid)))		
l	197	((coil or winding or electromagnetic or electromagnet) same	USPAT;	2003/03/18 08:45
		(brake or braking or torque adj generator or torque adj generation	US-PGPUB;	
		) same ( (fluid or particles! or medium or material or liquid) near4	EPO; JPO;	
		(field adj responsive or flux or field adj2 controllable) or	DERWENT	
		(electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj		
		(fluid or particles! or medium or material or liquid)))) same shaft		•
-	106	((coil or winding or electromagnetic or electromagnet) same	USPAT;	2003/03/18 08:46
		(brake or braking or torque adj generator or torque adj generation	US-PGPUB;	
		) same ( (fluid or particles! or medium or material or liquid) near4	EPO; JPO;	
		(field adj responsive or flux or field adj2 controllable) or	DERWENT	
		(electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj		
i		(fluid or particles! or medium or material or liquid)))) same shaft		
		same (disk or disc or rotor)		
-	1	2002-616014.NRAN.	DERWENT	2003/03/18 09:51
-	20	((coil or winding or electromagnetic or electromagnet) same	USPAT;	2003/03/18 10:04
		(brake or braking or torque adj generator or torque adj generation	US-PGPUB;	
		) same ( (fluid or particles! or medium or material or liquid) near4	EPO; JPO;	
		(field adj responsive or flux or field adj2 controllable) or	DERWENT	
		(electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj		
		(fluid or particles! or medium or material or liquid)))) and		•
		188/267-267.2.ccls.		
-	106	((coil or winding or electromagnetic or electromagnet) same	USPAT;	2003/03/18 10:09
		(brake or braking or torque adj generator or torque adj generation	US-PGPUB;	
		) same ( (fluid or particles! or medium or material or liquid) near4	EPO; JPO;	
		(field adj responsive or flux or field adj2 controllable) or	DERWENT	
		(electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj		
l		(fluid or particles! or medium or material or liquid)))) and		
į I		188/\$.ccls.		

	•			
-	65	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) and 310/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 10:04
-	57	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) and 192/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 10:09
-	12 6	4350913.URPN.   ("2905293"   "3119034"   "3351166"   "3587020"   "3962595"     "4210890").PN.	USPAT USPAT	2003/03/18 10:10 2003/03/18 10:11
-	76	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) same particles!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 10:13
-	0	4844220.pn. and coil 4844220.pn. and electromagnet\$6	USPAT; US-PGPUB USPAT;	2003/03/18 11:01
	1	4844220.pn. and electr\$6	US-PGPUB USPAT;	2003/03/18 11:35
	567	(coil or winding or electromagnetic or electromagnet) same	US-PGPUB USPAT;	2003/03/16 11:35
	307	(brake or braking or torque adj generator or torque adj generation) same ('(fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or medium or medium or material or liquid)))	US-PGPUB; EPO; JPO; DERWENT	2003/09/16 11:06
-	1	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) same	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/16 11:04
-	65	electronics! ((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation ) same ( (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) ) same (electronic or sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/16 11:04
-	63	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ( (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) ) same rotor same shaft	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/16 11:09
-	1	2003-403368.NRAN.	DERWENT	2003/09/16 11:08
-	0	2003-403368.NRAN. "2003036120"	DERWENT USPAT;	2003/09/16 11:09 2003/09/16 11:09
-	1	wo near3 "36120"	US-PGPUB USPAT; US-PGPUB; EPO; JPO;	2003/09/17 07:56
			DERWENT	

-	0	wo near3 "36120a2"	USPAT;	2003/09/17 07:56
			US-PGPUB;	
	•		EPO; JPO;	
			DERWENT	
-	5	f16d063/00.ipc. and lord.asn. and jolly.in.	USPAT;	2004/04/18 12:04
			US-PGPUB;	
			EPO; JPO;	
	i		DERWENT	
-	5	f16d063/00.ipc. and lord.asn. and jolly.in.	USPAT;	2004/04/18 12:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	

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- 148	("5573088"	USPAT;	2004/04/19 12:57
-   140		US-PGPUB	2004/04/19 12:5/
	"6186290"	US-PGPUB	
	"6202806"		
	1 "5598908"		
1	"4608505"		
1	"4808902"		
i i	"5194773"		
	"6211591"	1	
	"6211591"		
	"4477743"		
	"5712520"		
	"4570766"		
	"3618720"		1
	"3555326"		
	"3656815"	1	1
	"4019110"		1
	"4381048"		
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		"6186290"	US-PGPUB	
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		"6147425"	1	
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-	3	(US-6211591-\$ or US-5821712-\$ or US-5465802-\$).did.	USPAT	2004/04/19 13:18
-	754		USPAT;	2004/04/19 13:32
	•	rotor same (rod or shaft) same (coil or armature or	US-PGPUB	
		electromagnet or magnet) same brak\$4		
l <u>-</u>	83	3 ,	USPAT;	2004/04/19 13:25
		rotor same (rod or shaft) same (coil or armature or	US-PGPUB	
		electromagnet or magnet) same brak\$4 same (sensor or		
		electronics! or cpu or ecu or microprocessor or microcontroller or		
1		electronic adj control)		
i <u>.</u>	3059		USPAT;	2004/04/19 13:35
_	0000	(disk or disc or rotor) same (rod or shaft) same (coil or armature	US-PGPUB;	2004/04/10 10:00
,		or electromagnet or magnet) same brak\$4	EPO; JPO;	
		or electromagnet or magnety same brakes	DERWENT	
	40		USPAT;	2004/04/19 13:39
-	40	(disk or disc or rotor) same (rod or shaft) same (coil or armature	US-PGPUB;	2004/04/15 13.35
		or electromagnet or magnet) same brak\$4 and	EPO; JPO;	
	440	188/267-267.2.ccls.	DERWENT	0004/04/40 40:40
-	146	(disk as disp as sets) some (and as shell) some (as!) as sweet	USPAT;	2004/04/19 13:42
		(disk or disc or rotor) same (rod or shaft) same (coil or armature	US-PGPUB;	
		or electromagnet or magnet) same brak\$4 and 188/158-165.ccls.	EPO; JPO;	
			DERWENT	0004/04/40 15 55
-	28		USPAT;	2004/04/19 13:52
		(disk or disc or rotor) same (rod or shaft) same (coil or armature	US-PGPUB;	
		or electromagnet or magnet) same brak\$4 same (field adj	EPO; JPO;	
		responsive or electroviscous or electrorheolog\$4 or viscous or	DERWENT	
		magnetic adj (liquid or fluid or oil))		
-	35	,	USPAT;	2004/04/19 13:53
		(disk or disc or rotor or plate) same (rod or shaft) same (coil or	US-PGPUB;	
		armature or electromagnet or magnet) same brak\$4 same (field	EPO; JPO;	
		adj responsive or electroviscous or electrorheolog\$4 or viscous or	DERWENT	
		magnetic adj (liquid or fluid or oil))		
-	7		USPAT;	2004/04/19 13:54
		(disk or disc or rotor or plate) same (rod or shaft) same (coil or	US-PGPUB;	
		armature or electromagnet or magnet) same brak\$4 same (field	EPO; JPO;	
		adj responsive or electroviscous or electrorheolog\$4 or viscous or	DERWENT	
		magnetic adj (liquid or fluid or oil))) not (		
		(disk or disc or rotor) same (rod or shaft) same (coil or armature		
		or electromagnet or magnet) same brak\$4 same (field adj		
		responsive or electroviscous or electrorheolog\$4 or viscous or		
		magnetic adj (liquid or fluid or oil)))		
<u>-</u>	228	188/267.1-267.2.ccls.	USPAT;	2004/04/20 12:06
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
	2		USPAT;	2004/04/20 12:07
	2	"20030079948"	US-PGPUB;	2007/07/20 12:01
		20000073340	EPO; JPO;	
			DERWENT	
		2002 402269 NBAN	i	2004/04/20 42:00
-	522	2003-403368.NRAN.	DERWENT	2004/04/20 12:06
•	522		USPAT;	2004/04/20 12:12
i		magnetorheological or MR or	US-PGPUB;	
1		"MR medium" or "MR material" or "field responsive	EPO; JPO;	
		material" or "field controllable material" or "magnetorheological	DERWENT	
1		devices"		
		or "MR devices" or "field controllable devices" or "field responsive		
		devices") same ( "rotary-acting" or		
		torques or rotary adj brake or rotary adj clutch\$4 or linear adj		
		damper)		

•	74	( field with responsive with material or	USPAT;	2004/04/20 12:33
	ı	magnetorheological or MR or "MR medium" or "MR material" or "field responsive	US-PGPUB; EPO; JPO;	
		material" or "field controllable material" or "magnetorheological	DERWENT	
		devices"		
		or "MR devices" or "field controllable devices" or "field responsive		
		devices") same ( "rotary-acting" or		
		torques or rotary adj brake or rotary adj clutch\$4 or linear adj		
		damper) same (rotor or plate or disk or disc) same (rod or shaft)		
-	48	(( field with responsive with material or	USPAT;	2004/04/20 12:20
		magnetorheological or MR or	US-PGPUB;	
		"MR medium" or "MR material" or "field responsive	EPO; JPO;	
		material" or "field controllable material" or "magnetorheological devices"	DERWENT	
		or "MR devices" or "field controllable devices" or "field responsive		
		devices") same ( "rotary-acting" or		
1 1		torques or rotary adj brake or rotary adj clutch\$4 or linear adj		
		damper)		
		same (rotor or plate or disk or disc) same (rod or shaft)) and (sensor or electronic\$5)		
-	3325	(electronic adj component or sensor or ECU or CPU or control adj	USPAT;	2004/04/20 12:29
		unit or microprocessor or microcontrol\$4 or electronic or	US-PGPUB;	
		electrical) with located adj within adj3 (casing or housing or	EPO; JPO;	
_	23	chamber) ((electronic adj component or sensor or ECU or CPU or control	DERWENT USPAT:	2004/04/20 12:32
-	25	adj unit or microprocessor or microcontrol\$4 or electronic or	US-PGPUB;	2004/04/20 12.32
		electrical) with located adj within adj3 (casing or housing or	EPO; JPO;	
		chamber)) same (MR or electroviscous or magnetorheolog\$5 or	DERWENT	
		rheologic\$4 or EMR or ER or magnetic or electrorheolg\$6) near3 (fluid or material or medium or particles! or oil or substance)		
-	9626	brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or	USPAT:	2004/04/20 12:43
		rotor) same (shaft or rod) same	US-PGPUB;	
		a magnetic adj field adj generator	EPO; JPO;	
	857	brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or	DERWENT USPAT;	2004/04/20 12:42
-	037	rotor) same (shaft or rod) near4 end	US-PGPUB;	2004/04/20 12.42
			EPO; JPO;	
			DERWENT	
-	512149	(fluid or particles! or substance or medium or material or liquid)	USPAT;	2004/04/20 12:47
		near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or	US-PGPUB; EPO; JPO;	
		magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or	DERWENT	
		electrically)		
-	65	(brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or	USPAT;	2004/04/20 12:42
		rotor) same (shaft or rod) near4 end) and ( (fluid or particles! or substance or medium or material or liquid) near4 (field adj	US-PGPUB; EPO; JPO;	
		responsive or flux or field adj2 controllable or rheolog\$4 or	DERWENT	
		electrorheolg\$4 or electrovisous or magnetic or magnetoviscous		
1	0500	or magnetorheolg\$6 or MR or ER or EMR or electrically))	LICDAT.	2004/04/20 40:42
	2528	( brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or rotor) same (shaft or rod) same	USPAT; US-PGPUB;	2004/04/20 12:42
		a magnetic adj field adj generator ) and ( (fluid or particles! or	EPO; JPO;	
		substance or medium or material or liquid) near4 (field adj	DERWENT	
		responsive or flux or field adj2 controllable or rheolog\$4 or		
		electrorheolg\$4 or electrovisous or magnetic or magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or electrically))		
-	1256	(brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or	USPAT;	2004/04/20 12:42
		rotor) same (shaft or rod) same	US-PGPUB;	
		a magnetic adj field adj generator ) same ( (fluid or particles! or	EPO; JPO;	
		substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or	DERWENT	
		electrorheolg\$4 or electrovisous or magnetic or magnetoviscous		
		or magnetorheolg\$6 or MR or ER or EMR or electrically))		
-	6	brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or	USPAT;	2004/04/20 12:43
		rotor) same (shaft or rod) same	US-PGPUB;	
		magnetic adj field adj generator	EPO; JPO; DERWENT	
Socreb Histo		5:25:50 AM   Done 0		<u> </u>

-	186	( (fluid or particles! or substance or medium or material or liquid)	USPAT;	2004/04/20 13:13
	•	near4 (field adj responsive or flux or field adj2 controllable or	US-PGPUB;	
	•	rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or	EPO; JPO;	
		magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or	DERWENT	
	14	electrically)) and lord.asn. ( (fluid or particles! or substance or medium or material or liquid)	USPAT:	2004/04/20 12:52
-	14	near4 (field adj responsive or flux or field adj2 controllable or	US-PGPUB;	2004/04/20 12.52
		rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or	EPO; JPO;	
		magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or	DERWENT	
		electrically)) and lord.asn. and located adj5 (inside or chamber)		
-	11	267/140.15.ccls. and rotor	USPAT;	2004/04/20 12:53
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	0004/04/00 40 00
-	0	6640940.URPN.	USPAT	2004/04/20 13:03
1-	31	("1907531"   "2938606"   "3483951"   "3770290"   "3807678"   "3866720"   "4491207"   "4638896"   "4727974"   "4827162"	USPAT	2004/04/20 13:03
		"4836342"   "4907680"   "4921272"   "5018606"   "5046594"		
		"5206555"   "5207774"   "5277281"   "5284330"   "5440183"		
		"5522481"   "5560464"   "5576500"   "5588509"   "5590745"		
		"5743352"   "5996973"   "6053291"   "6452302"   "6486658"		
		"6508480").PN.		
-	26	((fluid or particles! or substance or medium or material or liquid)	USPAT;	2004/04/20 13:51
		near4 (field adj responsive or flux or field adj2 controllable or	US-PGPUB;	
		rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or	EPO; JPO; DERWENT	
		electrically)) and lord.asn. and rotor	DEIXVEIVI	
	1	2003-403368.NRAN.	DERWENT	2004/04/20 13:17
-	5	6213442.URPN.	USPAT	2004/04/20 13:18
- 3	20	("4850261"   "4976415"   "5011108"   "5285995"   "5308938"	USPAT	2004/04/20 13:19
1		"5321923"   "5379980"   "5400872"   "5436545"   "5444417"		
		"5449985"   "5638303"   "5652704"   "5653317"   "5693990"		
	42704	"5765800"   "5793598"   "5832806"   "5876012"   "5881987").PN. ( (fluid or particles! or substance or medium or material or liquid)	USPAT;	2004/04/20 13:50
-	12704	near4 (field adj responsive or flux or field adj2 controllable or	US-PGPUB:	2004/04/20 13.30
		rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or	EPO; JPO;	
		magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or	DERWENT	
		electrically)) same rotor		
-	512149	( (fluid or particles! or substance or medium or material or liquid)	USPAT;	2004/04/20 13:51
		near4 (field adj responsive or flux or field adj2 controllable or	US-PGPUB;	
		rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or	EPO; JPO; DERWENT	
		magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or electrically))	DERWENT	
	2068	(( (fluid or particles! or substance or medium or material or liquid)	USPAT;	2004/04/20 13:52
	2000	near4 (field adj responsive or flux or field adj2 controllable or	US-PGPUB;	
		rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or	EPO; JPO;	
	ļ	magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or	DERWENT	
		electrically)) ) with rotor with (shaft or rod)		0004/04/00 := ==
-	4135	(( (fluid or particles! or substance or medium or material or liquid)	USPAT;	2004/04/20 13:52
1		near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or	US-PGPUB; EPO; JPO;	
		magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or	DERWENT	
		electrically)) ) same rotor with (shaft or rod)		
-	58	((( (fluid or particles! or substance or medium or material or liquid)	USPAT;	2004/04/20 13:53
		near4 (field adj responsive or flux or field adj2 controllable or	US-PGPUB;	
		rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or	EPO; JPO;	
		magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or	DERWENT	
	677	electrically))) same rotor with (shaft or rod)) and 188/\$.ccls.	LICDAT	2004/04/22 42:47
1-	577	192/21.5.ccls.	USPAT; US-PGPUB;	2004/04/22 13:47
			EPO; JPO;	
			DERWENT	
-	577	192/21.5.ccls.	USPAT;	2004/04/24 13:19
			US-PGPUB;	
			EPO; JPO;	
		#00000454470#	DERWENT	0004/04/00 07 0-
	1 1	"20030151178"	US-PGPUB	2004/04/23 05:37
<u> </u>	<u> </u>	"20020057014"	US-PGPUB	2004/04/23 05:37

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-	483	192/21.5.ccls.	USPAT; US-PGPUB	2004/04/24 13:20
-	229850	((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or	USPAT; US-PGPUB;	2004/04/24 14:54
-	1176006	electrically or electronic or magnetic or electromagnetic)  (magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR	EPO; JPO; DERWENT USPAT;	2004/04/24 13:57
		or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)	US-PGPUB; EPO; JPO; DERWENT	
-	13947	field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 13:30
-	6666	((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or	USPAT; US-PGPUB	2004/04/24 13:41
		particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))		
-	47	(((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or	USPAT; US-PGPUB	2004/04/24 13:37
		particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or		
-	162	powder or liquid or hydraulic or substance))) and 192/\$.ccls.  (((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with  (material or	USPAT; US-PGPUB	2004/04/24 13:37
		particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) and 310/\$.ccls.		
-	199	((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic	USPAT; US-PGPUB	2004/04/24 13:41
		or substance)) same (field near4 (control\$4 or responsive) with  (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (brak\$4 or		
-	262	clutch or retarder or damper) ((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 14:12
		or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (brak\$4 or clutch or retarder or damper)		
•	96	60/326.ccls.	USPAT; US-PGPUB; EPO; JPO;	2004/04/24 13:46
-	156328	((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or electrically or electronic or magnetic or electromagnetic)	DERWENT	2004/04/24 13:57
-	146661	(magnetic or electroviscous or electrorheological or MR or EMR or electric or rheological or rheology or magnetorheological) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)	USOCR	2004/04/24 13:58

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-	20729	(((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or	USOCR	2004/04/24 13:58
	•	electrically or electronic or magnetic or electromagnetic) ) same		
		((magnetic or electroviscous or electrorheological or MR or EMR or electric or rheological or rheology or magnetorheological) with		
		(material or particles or medium or fluid or oil		
_	788	or powder or liquid or hydraulic or substance)) ((((shaft or rod or piston or member) with (rotate or rotating) or	USOCR	2004/04/24 14:00
		rotor or rotator) same (armature or coil or electric or electrical or	0000	200 1/0 1/21 1 1.00
		electrically or electronic or magnetic or electromagnetic) ) same ((magnetic or electroviscous or electrorheological or MR or EMR		
		or electric or rheological or rheology or magnetorheological) with		
		(material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) and 192/\$.ccls.		
-	68	((((shaft or rod or piston or member) with (rotate or rotating) or	USOCR	2004/04/24 14:00
		rotor or rotator) same (armature or coil or electric or electrical or electrically or electronic or magnetic or electromagnetic) ) same		
		((magnetic or electroviscous or electrorheological or MR or EMR	ĺ	
		or electric or rheological or rheology or magnetorheological) with		
		(material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) and 252/\$.ccls.		
-	341	((((shaft or rod or piston or member) with (rotate or rotating) or	USOCR	2004/04/24 14:01
		rotor or rotator) same (armature or coil or electric or electrical or electrically or electronic or magnetic or electromagnetic) ) same		
		((magnetic or electroviscous or electrorheological or MR or EMR		
		or electric or rheological or rheology or magnetorheological) with (material or particles or medium or fluid or oil		
		or powder or liquid or hydraulic or substance))) and 188/\$.ccls.		
-	408	(((((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or	USOCR	2004/04/24 14:01
		electrically or electronic or magnetic or electromagnetic) ) same		
		((magnetic or electroviscous or electrorheological or MR or EMR or electric or rheological or rheology or magnetorheological) with		
		(material or particles or medium or fluid or oil		
		or powder or liquid or hydraulic or substance))) and 188/\$.ccls.) or (((((shaft or rod or piston or member) with (rotate or rotating)		
		or rotor or rotator) same (armature or coil or electric or electrical		
		or electrically or electronic or magnetic or electromagnetic) ) same ((magnetic or electroviscous or electrorheological or MR or		
		EMR or electric or rheological or rheology or magnetorheological)		
		with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) and		
		252/\$.ccls.)		
•	308	((((((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or	USOCR	2004/04/24 14:03
		electrically or electronic or magnetic or electromagnetic) ) same	-	
		((magnetic or electroviscous or electrorheological or MR or EMR or electric or rheological or rheology or magnetorheological) with		
		(material or particles or medium or fluid or oil		
		or powder or liquid or hydraulic or substance))) and 188/\$.ccls.) or (((((shaft or rod or piston or member) with (rotate or rotating)		
		or rotor or rotator) same (armature or coil or electric or electrical		
		or electrically or electronic or magnetic or electromagnetic) ) same ((magnetic or electroviscous or electrorheological or MR or		
		EMR or electric or rheological or rheology or magnetorheological)		
		with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) and		
		252/\$.ccls.)) not (((((shaft or rod or piston or member) with		
		(rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrically or electronic or magnetic or		
		electromagnetic) ) same ((magnetic or electroviscous or		
		electrorheological or MR or EMR or electric or rheological or rheology or magnetorheological) with		
		(material or particles or medium or fluid or oil or powder or liquid	1	
		or hydraulic or substance))) and 192/\$.ccls.)	<u> </u>	

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electrically or electronic or magnetic or electromagnetic) ) same (magnetic or electroscous or electrorheological) with or electric or melological or motology or magnetorheological) with or powder or liquid or hydraulic or substance))) same (prak\$4 or clutch or relarder or damelian or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (prak\$4 or clutch or relarder or damelian or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (prak\$4 or clutch) (lighant or electric or magnetic or electromagnetic)) same (magnetic or electroscous or electromagnetic)) same (magnetic or electroscous or electromagnetic)) same (magnetic or electroscous or electromagnetic) same (magnetic or electroscous or electromagnetic) same (magnetic or electroscous or electromagnetic) same (magnetic or electroscous or electromagnetic) same (magnetic or electroscous or electromagnetic) same (magnetic or electroscous or electromagnetic) same (magnetic or electroscous or electromagnetic) same (magnetic or electroscous or electromagnetic) same (prak\$4 or electro or relarder or damelian or particles or electroscous or electromagnetic) same (prak\$4 or electro or relarder or damelian or particles or allowed or relarder or damelian or particles or electroscous or electromagnetic) same (prak\$4 or electroscous or electromagnetic) same (prak\$4 or electroscous or electromagnetic) same (prak\$4 or electroscous or electromagnetic) same (prak\$4 or electroscous or electromagnetic) same (prak\$4 or electroscous or electromagnetic) same (prak\$4 or electroscous or electromagnetic) same (prak\$4 or electroscous or electromagnetic) same (prak\$4 or electroscous or electromagnetic) same (prak\$4 or electroscous or electromagnetic) same (prak\$4 or electroscous or electroscous or electromagnetic) same (prak\$4 or electroscous or electroscous or electroscous or electroscous or electroscous or electroscous or electroscous or electroscous or electroscous or electroscous or electroscous or electrosco	-	3946	((((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or	USOCR	2004/04/24 14:04
or electric or melological or melology or magnetorheological) with or powder or liquid or hydraulic or substance))) same (brak\$4 or clutch or relarder or damper)  13744 ((((shaft or rod or piston or member) with (rotate or rotatin) or rotation or rotation) same (magnetic or electronic out or magnetic or electronic or magnetic or electronic or magnetic or electronic or magnetic or electronic or magnetic or electronic or magnetic or electronic or melonic or melonic or melonic or electronic or melonic or melonic or electronic or rotation or provider or liquid or hydraulic or substance))) same (brak\$4 or clutch)  1308 ((((shaft or rod or piston or member) with (rotate or rotating) or rotation same (amature or coil or electrical or electrical or electrical or electronic or magnetic or electronical) same ((magnetic or electronical) same ((magnetic or electronical)) same (magnetic or electronical) same ((magnetic or electronical)) same (magnetic or electronical) same ((magnetic or electronical)) same (brak\$4 or clutch or relarder or damper)) and (1887,cci.s. or 2528,ccis. or 310%,ccis. or 1928,ccis. or 1925,ccis.  2 1310%,ccis. or 1928,ccis. or 1924,ccis.  3 1310%,ccis. or 1928,ccis. or 1924,ccis.  4 137037179 (1*4351515") (1*4742988") (1*4759534") (1*499884") (1*4979		•	electrically or electronic or magnetic or electromagnetic) ) same		
contact or injudior in hydraulic or substance))) same (starts) or coulcide or related or damper)  clutch or related or damper)  ((((shaffort or dor piston or member) with (rotate or rotating) or rotor or crotator) same (amature or coil or electrical or or powder or liquid or hydraulic or substance))) same (electrical or or powder or liquid or hydraulic or substance)) same (electrical or or cortact) and part of part or electrical or					
or powder or liquid or hydraulic or substance))) same (brak\$4 or clutch or relatder or damper)  (((((shaft or rod or piston or member) with (rotate or rotating) or rotator or rotator) same (gmanture or coil or electrical or electrically or electronic or magnetic or electronically  electrically or electronic or magnetic or electronical or electronically  electronical or el					
clutch or retarder or damper)  13744 ((((shaft or nd or piston or member) with (rotate or rotating) or rotor or rotator) same (amature or coil or electrical or electrically or electronic or magnetic or electronic or magnetic or electronic or magnetic or electronic or magnetic or electronic or magnetic or electronic or powder or liquid or hydraulic or substance)) same (magnetic or electronic or magnetic or electronic or	į l				
SOCR   2004/04/24 14:04					
electrically or electronic or magnetic or electromelogical or MR or EMR or electric or rheological or rheology or magnetionheologicall) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (brak\$4 or clutch or rotator) same (amagnetic or electrorical) or electrically or electricine or magnetic or electrorically or electroric or magnetic or electrorically or electroric or magnetic or electrorically or electroric or magnetic or electrorically or electric or theological or rheology or magnetic or electrorically or electroric or magnetic or electrorically or electroric or magnetic or electrorical or electroric or magnetic or electrorical or electrorica	-	3744	((((shaft or rod or piston or member) with (rotate or rotating) or	USOCR	2004/04/24 14:04
((magnetic or electroviscous or electrorheological or MR or EMR or electric or meotogical or meloty or magnetorheological with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (trask4 or electrically or electronic or magnetic or electrorical or electrically or electronic or magnetic or electrorical or electrically or electronic or magnetic or electrorical or electrically or electronic or magnetic or electrorical or electrorically or electronic or magnetic or electrorical or electrorically or electronic or magnetic or electrorical or electrorical or electrorical or electrorical or electrorical or electrorically or electronic or magnetic or electrorically or electroric or electrorically or electroric or electrorically or electroric or electrorically or electroric or electrorically or electroric or member) with (rotate or rotating) or rotor or rotator) same ((magnetic or electrorical or electrically or electronic or magnetic or electromagnetic)) same ((magnetic or electrorical or electrical or magnetic or electroric electrorical electroric or or total or substance)) same ((magnetic or electroric or empretics or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (brak\$4 or clutch or retarder or damper) and 748.ccls.  1. 9666 ((magnetic adj fluid or mideral or powder or liquid or hydraulic or substance)) same (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) with (magnetic adj fluid or magnetorheological or field adj (responsive or noticalbel or requilatable) adj3 (fluid or medium or particles or rotation) (magnetic adj fluid or magnetorheological or field adj (responsive or noticalbel or rotation) (magnetic adj fluid or magnetorheological or field adj (responsive or rotate) or rotation) with (fluid or medium or particles or rotation) (magnetic adj fluid					
or electric or rheological or rheology or magnetorheological with (material or particles or medium or fluid or oil or powder or roliquid or hydraulic or substance))) same ((magnetic or electrorics) same ((magnetic or electrorics)) same ((magnetic or electrorics)) same ((magnetic or electrorics)) same ((magnetic or electrorics)) same ((magnetic or electrorics)) same ((magnetic or electrorics)) same ((magnetic or electrorics)) same ((magnetic or electrorics)) same ((magnetic or electrorics)) same ((magnetic)) same ((magne					
(((shaft or od or piston or member) with (rotate or rotating) or rotation) or powder or liquid or hydraulic or substance))) same ((maskaft or od or piston or member) with (rotate or rotating) or rotator) same (armature or coil or electrical or electrically or electronic or magnetic or electronic or electronic or electronic or electronic or electronic or electronic or electronic or electronic or or collabol or powder or liquid or hydraulic or substance)) same (brask4 or clutch or retarder or damper) and (188/fs.cds. or 252/fs.cds. or 310/fs.cds. or 1925/fs.cds.)  8 ("3907079"   "435/1515"   "4742998"   "475954"   "4899854"   "4973011"   "5176388"   "5249784"   P.N.  457 ((((shaft or rod or piston or member) with (rotate or rotating) or rotator or rotator) same (armature or coil or electric or electrically or electronic or magnetic or electromagnetic) ) same ((magnetic or electrosics) or electric or relectrically or electronic or magnetic or electromagnetic)   same ((magnetic or electroviscous or electrometoplacial with or electric or releding or fraviscous or electronic electrically or electronic or magnetic or electromagnetic)   same (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (brak\$4 or electrically or electroviscous or electrometoplacial or hydraulic or substance)) same (fluid or relating or damper)) and 74/fs.cfs.  9068 (((magnetic\$4 or relectroviscous or electrometoplacial or hydraulic or substance)) same (fluid or hydraulic or substance)) same (fluid or hydraulic or substance)) same (fluid or hydraulic or substance)) same (fluid or hydraulic or substance)) same (fluid or magnetic adj fluid or magnetorheological or field adj (responsive or controllable or requilatable) adj3 (fluid or medium or particles or rotating) powder or liquid or magnetorheological or field adj (responsive or rotalbale) adj3 (fluid or medium or particles or rotalbale or rotalbale or rotalbale or rotalbale or rotalbale or rotalbale or rotalbale or rotalbale or rotalbale or rota					
clutch)  clutch  clutch  clutch  clutch  clutch  clutch or or poston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or electrically or electrocine or magnetic or electromagnetic) same (magnetic or electromic or magnetic or electromelogical or Mr or EMR or electric or feological or feology or magnetorheological) with (material or particles or medium or fluid or oil or clutch or retarder or damper)) and (188/8.ccls. or 252/8.ccls. or 310/8.ccls. or 1928/8.ccls.)  8 ("3907079"   "4351515"   "47429985"   "4759534"   "4899854"   "4979331"   "5176586"   "524974".P.N.  (((((shaft or rod or piston or member) with (rotate or rotating) or or or rotator) same (armature or coil or electrical or electrical or electrically or electromic or magnetic or electromelogical or MR or EMR or electrically or electromic or magnetic or electromelogical or MR or EMR or electrical or rotator) same (magnetic or electromelogical) with or electric or rotatopical or rheology or magnetorheological) with or or liquid or hydraulic or substance))) same (brak\$4 or electroin or damper) and 74/8.ccls.  9066 (((magnetic 54 or electrosicous or electromelogical or MR or EMR or electrical or hydraulic or substance))) same (brak\$4 or electroin or fluid or oil or powder or liquid or hydraulic or substance))) same (brak\$4 or electroin or fluid or oil or powder or liquid or hydraulic or substance))) same (brak\$4 or electroin or fluid or oil or powder or liquid or hydraulic or substance)))  7039 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate)					
1308   (((((shaft or rod or piston or member) with (rotate or rotating) or rotator) same (armature or coil or electric or electrical or electrically or electronic or magnetic or electromagnetic) same ((magnetic or electroviscous or electromatopolical) with or electric or rheological or rheology or magnetorheological) with or produce or dramper) and (188/5.ccls. or 252/5.ccls. or 310/5.ccls. or 192/5.ccls.)   (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (prak\$4 or clutch or retarder or dramper)) and (188/5.ccls. or 252/5.ccls. or 310/5.ccls. or 192/5.ccls.)   (18973031*   "\$175368*   "\$249784*).PN. ((((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electrical or electrically or electronic or magnetic or electromagnetic)) same ((magnetic or electroviscous or electromagnetic)) same ((magnetic or electroviscous or electromagnetic)) same (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (prak\$4 or clutch or retarder or dramper)) and 74/5.ccls.   USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPAT; USPC)UB; PC; UPO; DERWENT   USPAT; USPAT; USPC)UB; PC; UPO; PC; PC; PUB; PC; PC; PC; PC; PC; PC; PC; PC; PC; PC					
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or powder or liquid or hydraulic or substance))) same (brak\$4 or clutch or retarder or damper)) and 74/\$.ccls.  (((magnetics& or electroviscous or electrorheolog\$5 or MR or EMR or electrics& or rheologis&1 or rheologi\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) magnetic adj fluid  - 7039 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor)  - 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotable or rotating)  - 1 1 1992-069061.NRAN. 1 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotable or rotating)  - 2004/04/24 15:12 2004/04/24 15:15 2004/04/24 15:20 2004/04/24 15:20 2004/04/24 15:22			(material or particles or medium or fluid or oil		
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EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)))  - 7039 magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor)  - 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor)  - 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotable or rotating)  - 1 1 1992-069061. NRAN 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotable or rotating)  - 1 1 1992-069061. NRAN 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotable or rotating)  - 1 1 field adj responsive adj material same rotor  2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor  2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor  2806067 (MR or magnetic adj 3 (medium or material or liquid) or field adj responsive adj material) same rotor  2806067 (MR or magnetic adj 3 (medium or material or liquid) or field adj responsive adj material) same rotor		0000		HEDAT	2004/04/24 14:12
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or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)))  rowder or liquid or hydraulic or substance)))  magnetic adj fluid  responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor)  (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor) branch or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotable or rotating)  1 1992-069061.NRAN. 1 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotable or rotating)  1 1992-069061.NRAN. 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotable or rotating)  1 1 field adj responsive adj material same rotor  2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor  2806067 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor			magnetorheologic\$4) with (material or		
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- 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotatelo or rotatelo or rotatelo or rotatelo or rotatelo or rotatelo or rotatelo or rotatelo or rotatelo or rotatelo or rotatelo or rotatelo or rotatelo or rotatelo or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotatelo or rota			or controllable or regulatable) adj3 (fluid or medium or particles or	US-PGPUB;	
- 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotate) - 1 1 1992-069061.NRAN 1 1991-350530.NRAN 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotatle or US-PGPUB US-PGPUB  - 2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor US-PGPUB US-PGPUB US-PGPUB  - 4979 (MR or magnetic adj 3 (medium or material or liquid) or field adj responsive adj material) same rotor US-PGPUB			liquid)) with (brak\$4 or motor)		
or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotable or rotating)  1 1992-069061.NRAN. 1 1991-350530.NRAN. 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotate)  1 0 filed adj responsive adj material same rotor  2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor  4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  1 0 rotable or rotating)  2004/04/24 15:19  2004/04/24 15:29  2004/04/24 15:20  USPAT; US-PGPUB		204	(magnetic adi fluid or magnetorheological or field adi (responsive		2004/04/24 15:15
liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotate or rotable or rotating)  1 1992-069061.NRAN. 1 1991-350530.NRAN. 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotatle or liquid) with (brak\$4 or motor) same (rotor or rotatable or rotate or liquid) DERWENT US-PGPUB USPAT; US-PGPUB		237			
1 1992-069061.NRAN. 1 1991-350530.NRAN. 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotable or rotating)  - 0 filed adj responsive adj material same rotor  1 field adj responsive adj material same rotor  2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor  4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  1 field adj responsive adj material) same rotor  2004/04/24 15:12 2004/04/24 15:19 US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB			liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or		
1 1991-350530.NRAN. (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotate or rotable or rotating)  - 0 filed adj responsive adj material same rotor  1 field adj responsive adj material same rotor  2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor  4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  1 field adj responsive adj material) same rotor  2806067 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor					2004/04/24 45:42
- 294 (magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotatle or rotating)  - 0 field adj responsive adj material same rotor  1 field adj responsive adj material same rotor  2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor  4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  2004/04/24 15:15  2004/04/24 15:15  2004/04/24 15:20  2004/04/24 15:22		1 1			
or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotate or rotable or rotating)  or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotate or percentage)  DERWENT US-PGPUB	-	294	(magnetic adj fluid or magnetorheological or field adj (responsive	USPAT;	
rotable or rotating) filed adj responsive adj material same rotor  1 field adj responsive adj material same rotor  1 field adj responsive adj material same rotor  2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor  4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  2004/04/24 15:29  2004/04/24 15:22  2004/04/24 15:22					
- 0 filed adj responsive adj material same rotor USPAT; US-PGPUB - 1 field adj responsive adj material same rotor USPAT; US-PGPUB - 2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor - 4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor - 4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor - 1 1 5 2004/04/24 15:20 - 2004/04/24 15:22 - 2004/04/24 15:22 - 2004/04/24 15:22					
- 1 field adj responsive adj material same rotor  1 field adj responsive adj material same rotor  2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj materia) same rotor  4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  4979 (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  US-PGPUB	_	0			2004/04/24 15:19
- 2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj materia) same rotor (MR or magnetic adj3 (medium or material or liquid) or field adj USPAT; US-PGPUB USPAT; 2004/04/24 15:22 responsive adj material) same rotor US-PGPUB				US-PGPUB	
- 2806067 (MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj materia) same rotor	-	1	field adj responsive adj material same rotor		2004/04/24 15:20
responsive adj materia)I same rotor  (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor  US-PGPUB USPAT; US-PGPUB		2806067	(MR or magnetic adi "3" (medium or material or liquid) or field adi		2004/04/24 15:22
- 4979 (MR or magnetic adj3 (medium or material or liquid) or field adj USPAT; 2004/04/24 15:22 responsive adj material) same rotor US-PGPUB		2555507	responsive adj materia)I same rotor	US-PGPUB	
	-	4979	(MR or magnetic adj3 (medium or material or liquid) or field adj	USPAT;	2004/04/24 15:22
		<u> </u>		US-PGPUB	

	A			
-	147	(MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor same (brak\$4 or damper or	USPAT; US-PGPUB	2004/04/24 15:23
-	40	dampener or retarder or shock adj absorber) (MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor same (brak\$4 or damper or dampener or retarder or shock adj absorber) and (ECU or CPU or microcontroller or microprocessor or processor or controller or	USPAT; US-PGPUB	2004/04/24 15:25
-	32445	control adj unit) (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)	USPAT; US-PGPUB; EPO; JPO;	2004/04/25 12:34
-	184381	(electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/25 12:33
-	96450	(electroviscous or magnetorheolog\$4 or EMR or MR or ER)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/25 12:35
-	293103	((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) ) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/25 12:51
-	4953	(fluid or particles! or medium or material or liquid)) ) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER) ) 192/53.1-53.51,58.1-58.92,84.1-84.961.ccls.	USPAT; US-PGPUB; EPO; JPO;	2004/04/25 12:36
-	0	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and magnetci adj fluid	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/25 12:36
-	18	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and magnetic adj fluid	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/25 12:40
-	416	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (( (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) ) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)) ) or ((electroviscous or	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:41
-	312	magnetorheolog\$4 or EMR or MR or ER) )) 192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (( (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) ) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)) ) or ((electroviscous or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:41
-	265	magnetorheolog\$4 or EMR or MR or ER) )) and bearing 192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (( (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) ) or ((electroviscous	USPAT; US-PGPUB; EPO; JPO;	2004/04/25 12:42
-	241	or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)) ) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and bearing same (shaft or rod or rotor or rotating) 192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (( (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) ) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)) ) or ((electroviscous or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:42
		magnetorheolog\$4 or EMR or MR or ER) )) and bearing with (shaft or rod or rotor or rotating)		

-		192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (( (fluid or	USPAT;	2004/04/25 12:43
		particles! or medium or material or liquid) near4 (field adj	US-PGPUB;	:
	•	responsive or flux or field adj2 controllable) ) or ((electroviscous	EPO; JPO;	
		or meolog\$7 or electromeolog\$6 or magnetic adj (fluid or	DERWENT	
		particles! or medium or material or liquid)) ) or ((electroviscous or	İ	
		magnetorheolog\$4 or EMR or MR or ER) )) and bearing same		
	212	(shaft or rod) and ( rotor or rotating) 192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (( (fluid or	USPAT;	2004/04/25 12:42
•	212	particles! or medium or material or liquid) near4 (field adj	US-PGPUB;	2004/04/25 12.42
		responsive or flux or field adj2 controllable) ) or ((electroviscous	EPO; JPO;	
		or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or	DERWENT	
		particles! or medium or material or liquid)) ) or ((electroviscous or		
		magnetorheolog\$4 or EMR or MR or ER) )) and bearing same		
		(shaft or rod) and (rotor or rotating or rotate)		
-	212	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (( (fluid or	USPAT;	2004/04/25 12:50
		particles! or medium or material or liquid) near4 (field adj	US-PGPUB;	
		responsive or flux or field adj2 controllable) ) or ((electroviscous	EPO; JPO;	
		or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or	DERWENT	
		particles! or medium or material or liquid)) ) or ((electroviscous or		
		magnetorheolog\$4 or EMR or MR or ER) )) and bearing same		
	6731	(shaft or rod) and ( rotor or rotating or rotate) (( (fluid or particles! or medium or material or liquid) near4 (field	USPAT;	2004/04/25 12:50
•	0/31	adj responsive or flux or field adj2 controllable) ) or	US-PGPUB:	2004/04/20 12:50
		((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj	EPO; JPO;	
		(fluid or particles! or medium or material or liquid)) ) or	DERWENT	
		((electroviscous or magnetorheolog\$4 or EMR or MR or ER) ))		
		and 310/\$.ccls.		
-	23217	(( (fluid or particles! or medium or material or liquid) near4 (field	USPAT;	2004/04/25 12:52
		adj responsive or flux or field adj2 controllable) ) or	US-PGPUB;	
		((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj	EPO; JPO;	
		(fluid or particles! or medium or material or liquid)) ) or	DERWENT	
		((electroviscous or magnetorheolog\$4 or EMR or MR or ER) ))		
	2500	same (rotate or rotating or rotatable or rotor)	USPAT:	2004/04/25 12:52
-	3588	((( (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) ) or	US-PGPUB;	2004/04/25 12.52
		((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj	EPO; JPO;	
		(fluid or particles! or medium or material or liquid)) ) or	DERWENT	
		((electroviscous or magnetorheolog\$4 or EMR or MR or ER) ))		
		same (rotate or rotating or rotatable or rotor)) and 310/\$.ccls.		
-	494	(( (fluid or particles! or medium or material or liquid) near4 (field	USPAT;	2004/04/25 13:04
		adj responsive or flux or field adj2 controllable) ) or	US-PGPUB;	
		((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj	EPO; JPO;	
		(fluid or particles! or medium or material or liquid)) ) or	DERWENT	
		((electroviscous or magnetorheolog\$4 or EMR or MR or ER) ))		i
		same (rotate or rotating or rotatable or rotor) same (rod or shaft)		
		same (clutch or brake)	USPAT:	2004/04/25 12:53
-	0	((( (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) ) or	US-PGPUB;	2004/04/23 12.33
		((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj	EPO; JPO;	
		(fluid or particles! or medium or material or liquid)) ) or	DERWENT	
		((electroviscous or magnetorheolog\$4 or EMR or MR or ER) ))		
		same (rotate or rotating or rotatable or rotor) same (rod or shaft)		
		same (clutch or brake)) and 16/\$.ccls.		
-	51	((( (fluid or particles! or medium or material or liquid) near4 (field	USPAT;	2004/04/25 12:56
		adj responsive or flux or field adj2 controllable) ) or	US-PGPUB;	
		((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj	EPO; JPO;	1
		(fluid or particles! or medium or material or liquid)) ) or	DERWENT	
		((electroviscous or magnetorheolog\$4 or EMR or MR or ER) ))		
		same (rotate or rotating or rotatable or rotor) same (rod or shaft)		
•	56	same (clutch or brake)) and 310/\$.ccls.  ((( (fluid or particles! or medium or material or liquid) near4 (field	USPAT;	2004/04/25 12:57
-	36	adj responsive or flux or field adj2 controllable) ) or	US-PGPUB;	2004/04/25 12.57
		((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj	EPO; JPO;	
		(fluid or particles! or medium or material or liquid)) ) or	DERWENT	
		((electroviscous or magnetorheolog\$4 or EMR or MR or ER) ))		
			1	1
		same (rotate or rotating or rotatable or rotor) same (rod or shaft)	1	

			^	
-	•	((( (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) ) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)) ) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER) )) same (rotate or rotating or rotatable or rotor) same (rod or shaft) same (clutch or brake)) and 60/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:57
	132		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 13:14
-	1	6117093.URPN.	USPAT	2004/04/25 13:10
-	9	("4471957"   "4641832"   "4765315"   "5015926"   "5382373"   "5460585"   "5693004"   "5711746"   "5816372").PN.	USPAT	2004/04/25 13:10
-	360	(((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) ) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)) ) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER) )) and carlson.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 13:14
-	32		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 13:15
-	59	(( (fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) ) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)) ) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER) )) and carlson.in. and (shaft or rod) same (rotate or rotating or rotable or rotatabl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 13:15